

Index

B

Basic PAVER Features 19–22

- Adjusting Table and Graph Sizes 22
- Index Cards 20
- Printing Screen Images 22
- Spreadsheet Forms 19
- Tab Tables 21
- Units of Measurement 22

C

Combine/Subset Database 29–30

Condition Analysis Report 81–84

- Analyzing Pavements 82–83
- Configuration 81
- Open Saved Report 84
- Overview 81
- Views 83–84

Condition Data Import (ASCII) 102

Condition Data Import (Database) 103

Condition Tools 45

- Define Condition and Age Categories 45
- Define User Distress Indices 45
- Select Condition Types 45

Copy and Move Data 56

D

Database Verification Tools 33

Define User Fields 39–40

- Additional User Fields 40
- Customize Table Headings and Width 40
- NSORT - BSORT - SSORT 39

E

EMS Image Viewer 53–54

- Edit an Image 54
- Other Image File Options 54
- Store an Image 53
- Viewing Images 54

EMS Tools in PAVER 23–27

- EMS Query Tool 24
- Exiting the Report Viewer 27
- Report Viewer - Summary and Detail Options 25
- Report Viewer Tables 26
- Right Button Click on Graphs 24
- Right Button Click on Tables 23

Using the EMS Query Tool 24

View Menu - Display Specific Report Information 26

F

Family Assignment 65–66

Change Family Assignments 65–66

Flexible Report 70–72

- Create New Report 71
- Display a Memorized Report 70
- Edit Current Report 72

G

GIS Reports 72–73

- General Info 73
- Last PCI 72

H

Handheld Data Import 103–108

- Basic Software Operation 104
- Process Overview 104
- Detailed Process 105–108
 - Backup Inspection Data 107
 - Download Sections to Inspect 105
 - Import Backup Data into PAVER 108
 - Inspections Using the Handheld PCI Inspector 106–107
- Hardware/Software Requirements 103
- Software Installation 103–104

I

Import / Export 30–32

- 5.0 Export Procedure 30–31
- 5.0 Import Procedure 31–32

Inspection Data Import (PAVER Database) 62

Inspection Schedule 63–64

- Open Saved Report 64
- Report 63–64

Inventory 47–56

- Definition 47–52
 - Branch Creation 49–50
 - Conditions/Families 52
 - Managing Pavement Inventory 47–48
 - Network Creation 48
 - Section Creation 50–51
- Traffic 55

Inventory Pick Lists 41

M

M&R Plan 85–92

- Analyzing M&R Activity 90
- Configuration 85
- Detail View 91–92
- Open Saved Report 92
- Plan Mode 86–87
- Policies and Costs 88–89
- Scope 85
- Summary View 90–91
- Timing 86

M&R Plan Tables 41–44

- Budgets 44
- Global M&R 42
- Localized M&R 42
- M&R Cost by Condition 43
- Major M&R 42–43

Misc. Other Tables 45–46

- Aircraft Type 45
- Decimal Settings 46
- Layer Construct 46
- Materials 46
- Unit of Measure (Field) Settings 46

O

Other Conditions 61

- User-Editable Condition Indices 61

P

PAVER Organization 17–18

PAVER Shape File Converter

- Converting from PAVER 4.x to 5.0 109
- Procedure 109

PAVER/GIS Map Development 111–131

- Creating a clean CAD drawing for placement in ArcC 114–118
- Creating the Coverage Using ArcCAD© 114–118
 - Creating the COVERAGE 115–116
 - Defining a THEME 114
 - Terminology 114
 - Verify Coverage and fix errors 116–118
- Developing the CAD Drawing 112–113
 - Creating a clean CAD drawing for placement in ArcC 113
 - Creating a labeled CAD map of the Coverage area th 112
 - Terminology 112–113

- Displaying pavement data 124–125

- Checking for errors 124–125

- Creating an ArcVIEW© project 124

- Glossary 132

- Manual creation of a link table 118–123

- Linking the Polygon IDs 122–123

- Preparing the data 119–120

- Updating the Link Table 123

- Viewing Polygon Ids with ArcVIEW© 121

- Overview 111

- References 133

- Updating the Coverage and Database 125–130

- Adding Features 125–128

- Removing Features 128–130

- Viewing Workplans and Condition Analyses 130–131

PAVERGIS Interface 93–102

- Acquiring Computer-Based Graphical Representations 94

- Build and Clean Operations for Digital Data 97

- Distinctions between CAD and GIS 93

- First-Time Setup Summary 97–98

- GIS Overview 93

- Manual Digitization of Preexisting Drawings 94

- Modifications to Geographical Representations 95–96

- Polygon and Arc Attribute Tables 93

- Scanning Maps or Aerial Photography 94

- Software Context 94

- Steps for Initial Setup 98–102

- Available Data Sources 98

- Copying PAVER dBase Data to PAT/AAT 100

- Database Editors and Reporting Options 100–101

- Exiting PAVERGIS 102

- Exporting PAVER Data 100

- Options for Viewing Windows 102

- Preparation of Data 99

- Updating Data 100

- Usage 97

PCI and Distress Indices 57–61

- Batch Inspection Data Entry 60

- Calculating the PCI after Inspection 61

- Entering Inspection Dates and Samples 57–59

- Entering Inspection Information 59

- Field Inspection - Basic Operations 57

- Keyboard Entry 60

Prediction Model 75–79

- Assign Family 79
- Building Family Models 75
- Options 78
- Other Condition Prediction Model Features 79
- Review Model Data 77
- Use Boundary/Outlier 77–78
- Using the Prediction Model 75–76
- View Equation and Stats 78

R**Re-Inspection Report 69–70****S****Selectors 35–37**

- GIS Selector 36
- Navigating the Pavement Inventory 35
- Tab Selector 36
- Tree and GIS Selector 37
- Tree Selector 35

Shape File Coordinate Shift 109**Standard Reports 68–69****Summary Charts 67****W****Work 54–55**